

FIG. 1

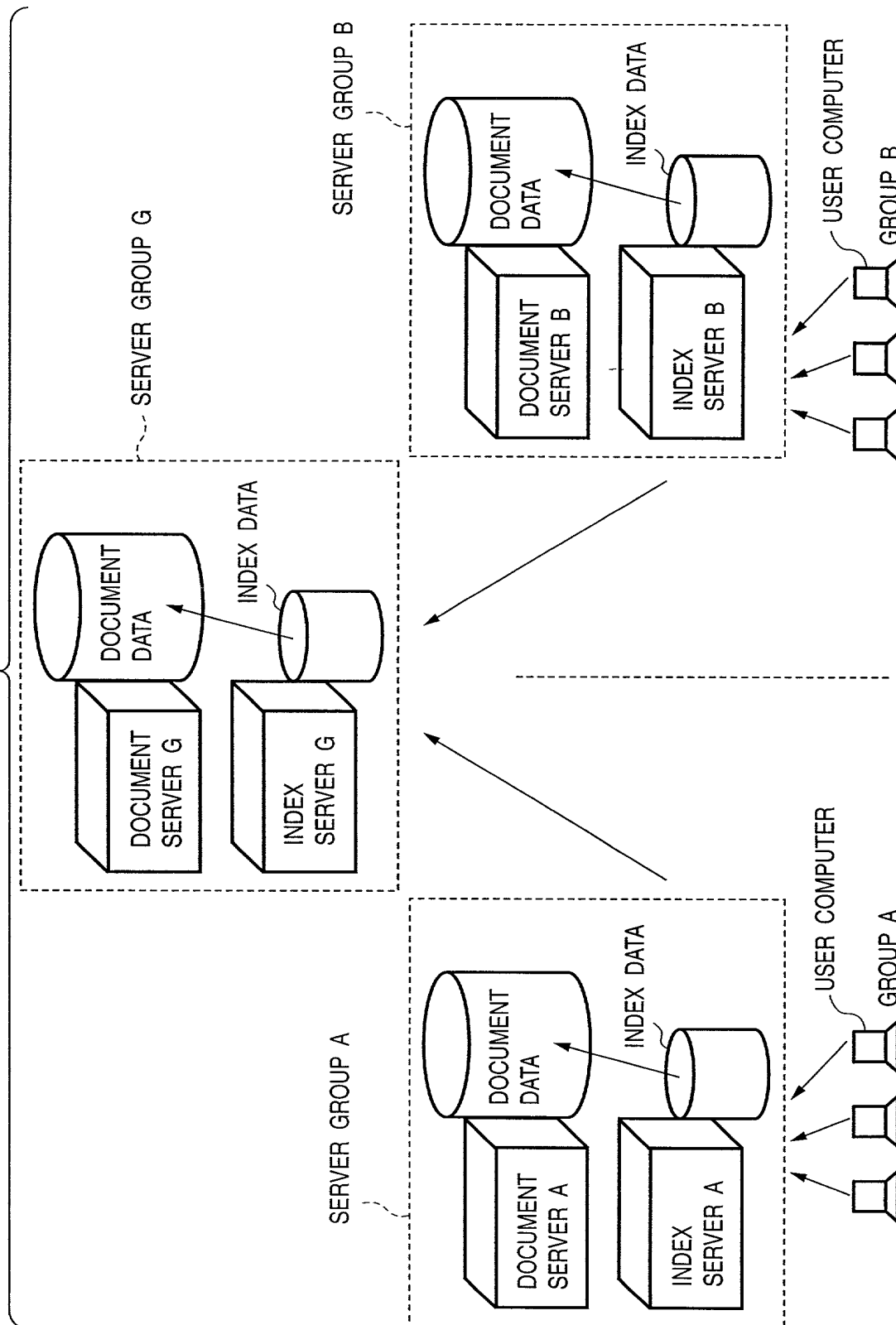
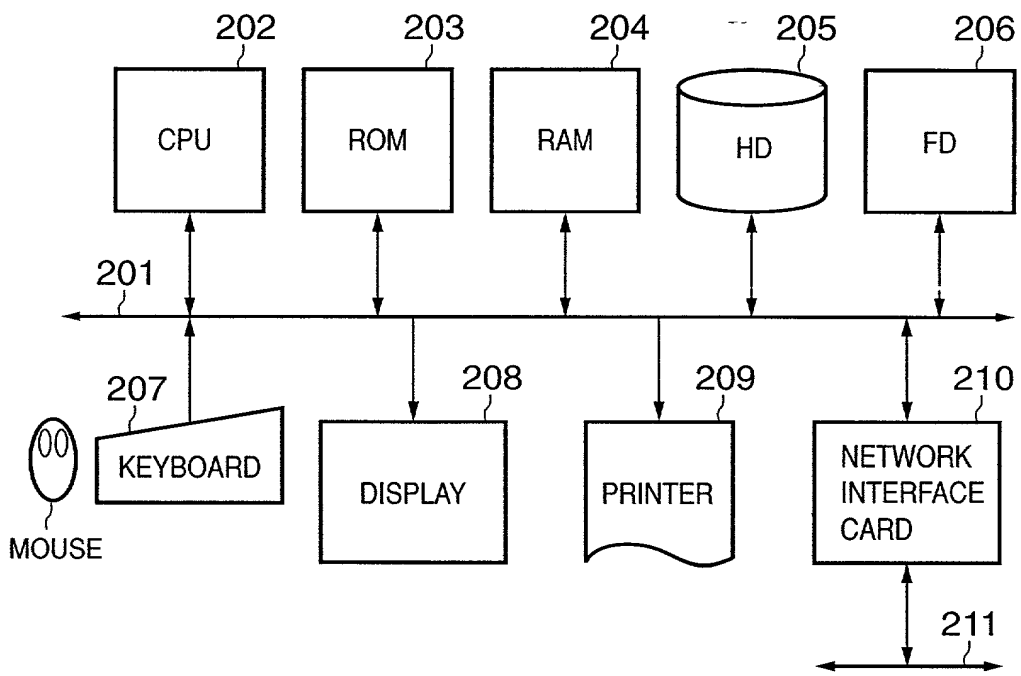


FIG. 2



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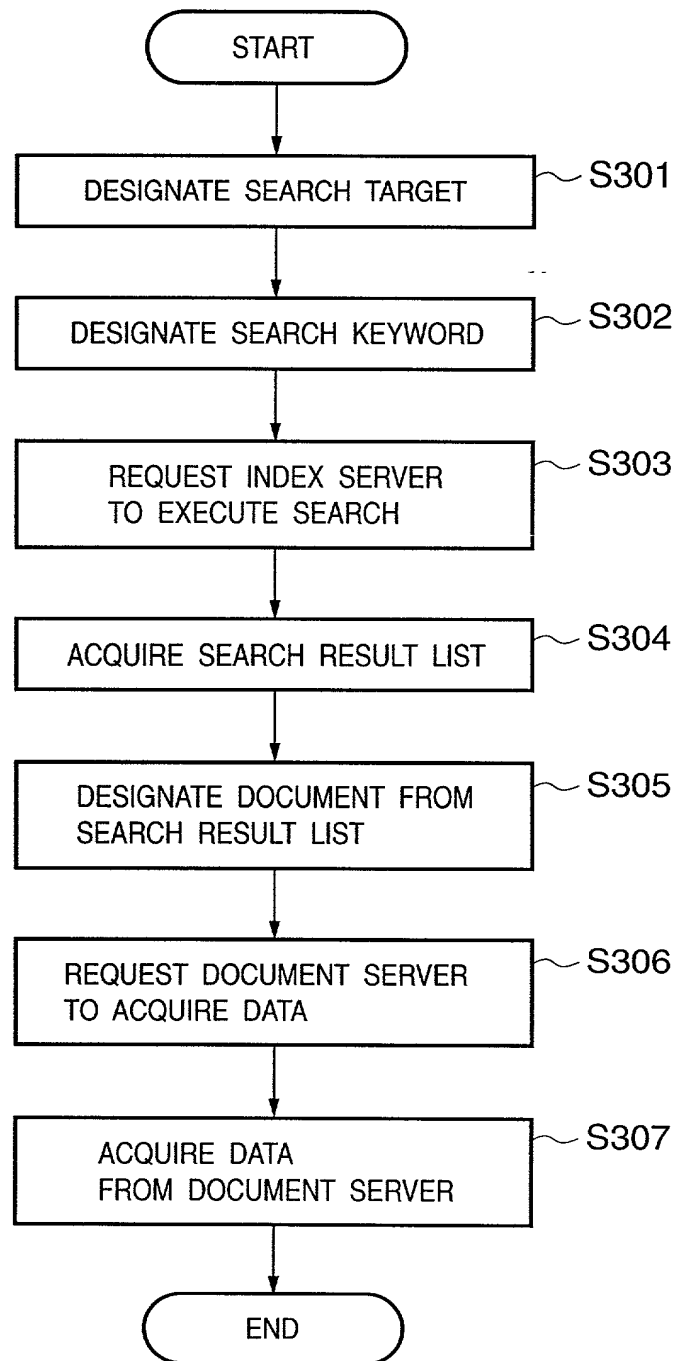
FIG. 3

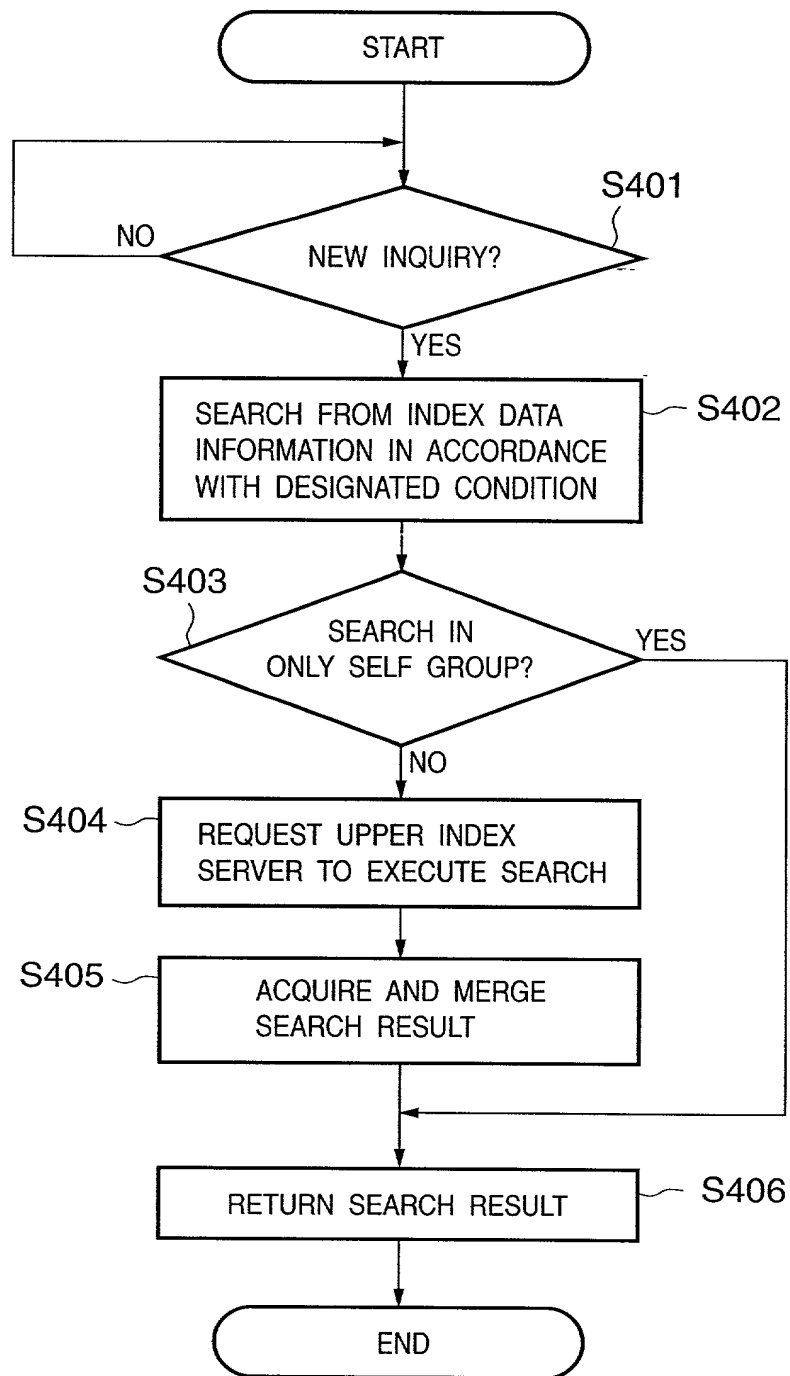
FIG. 4

FIG. 5

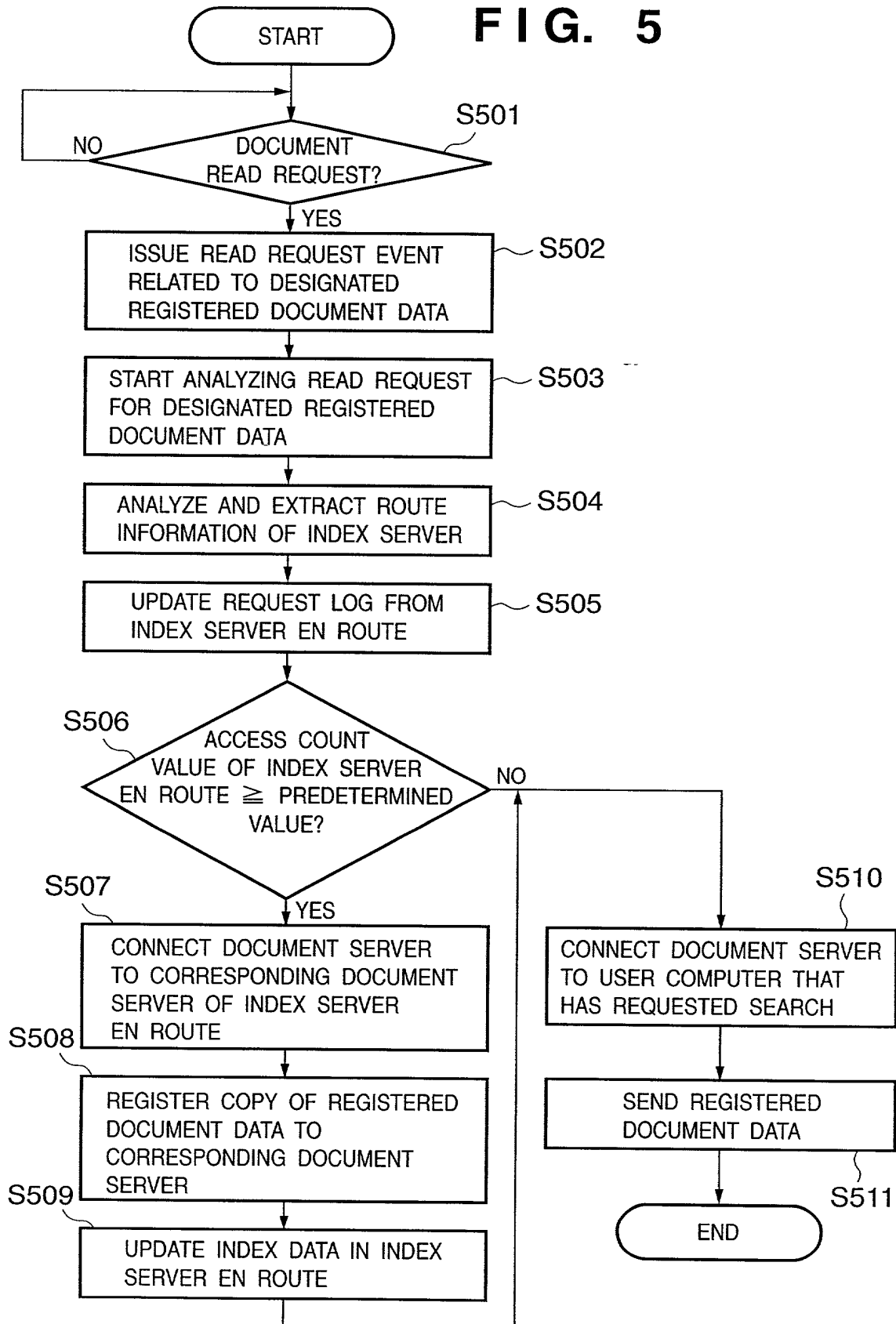


FIG. 6

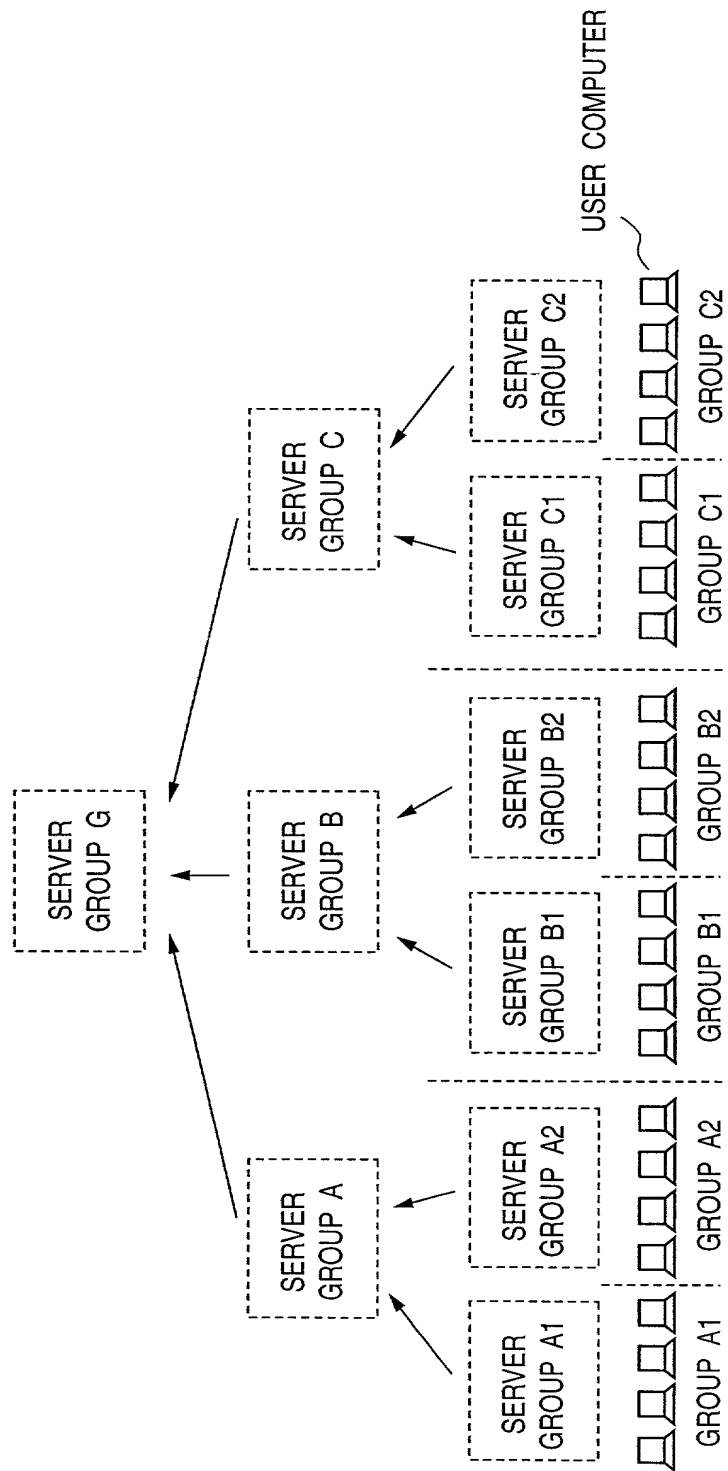


FIG. 7

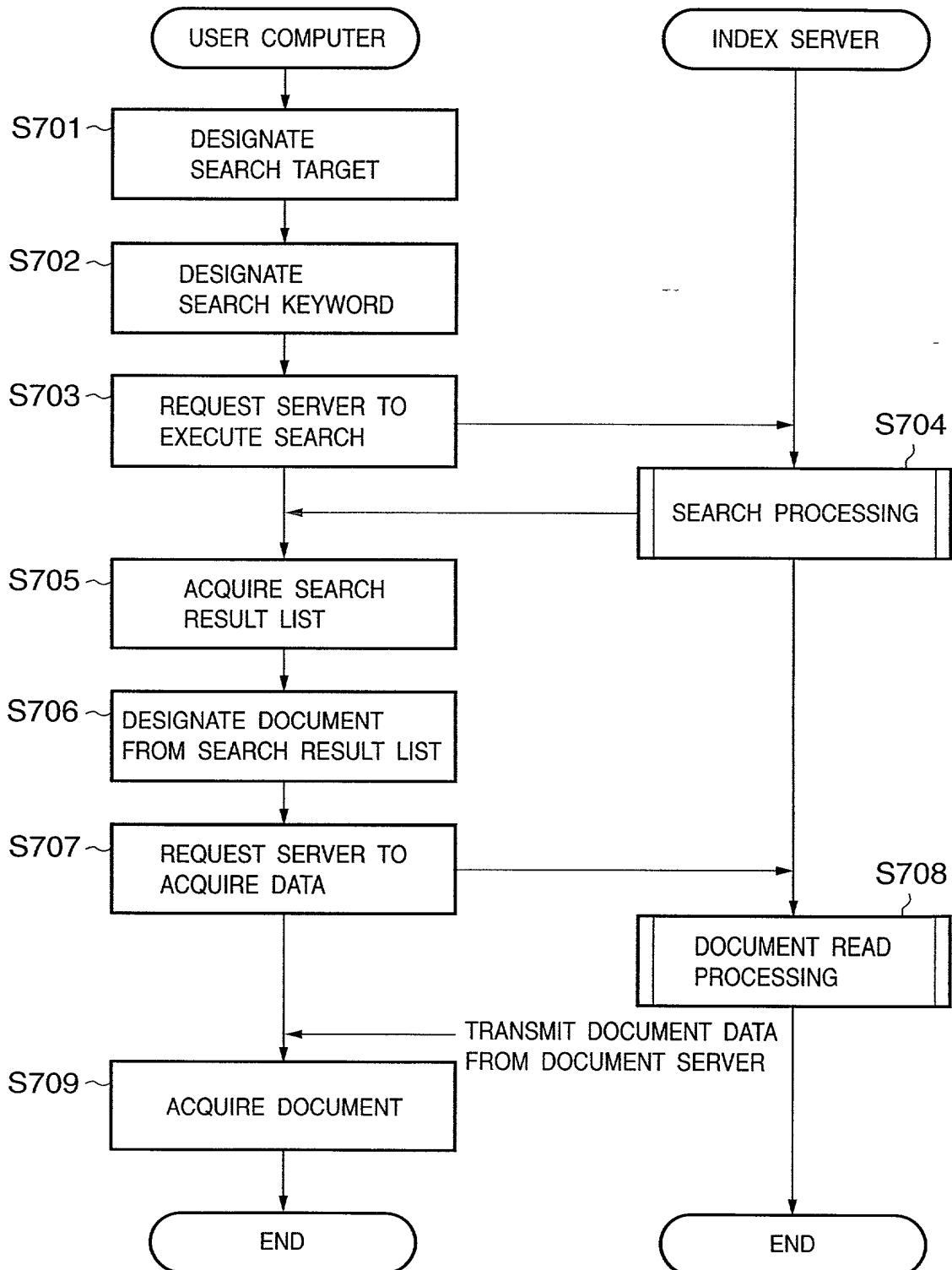


FIG. 8

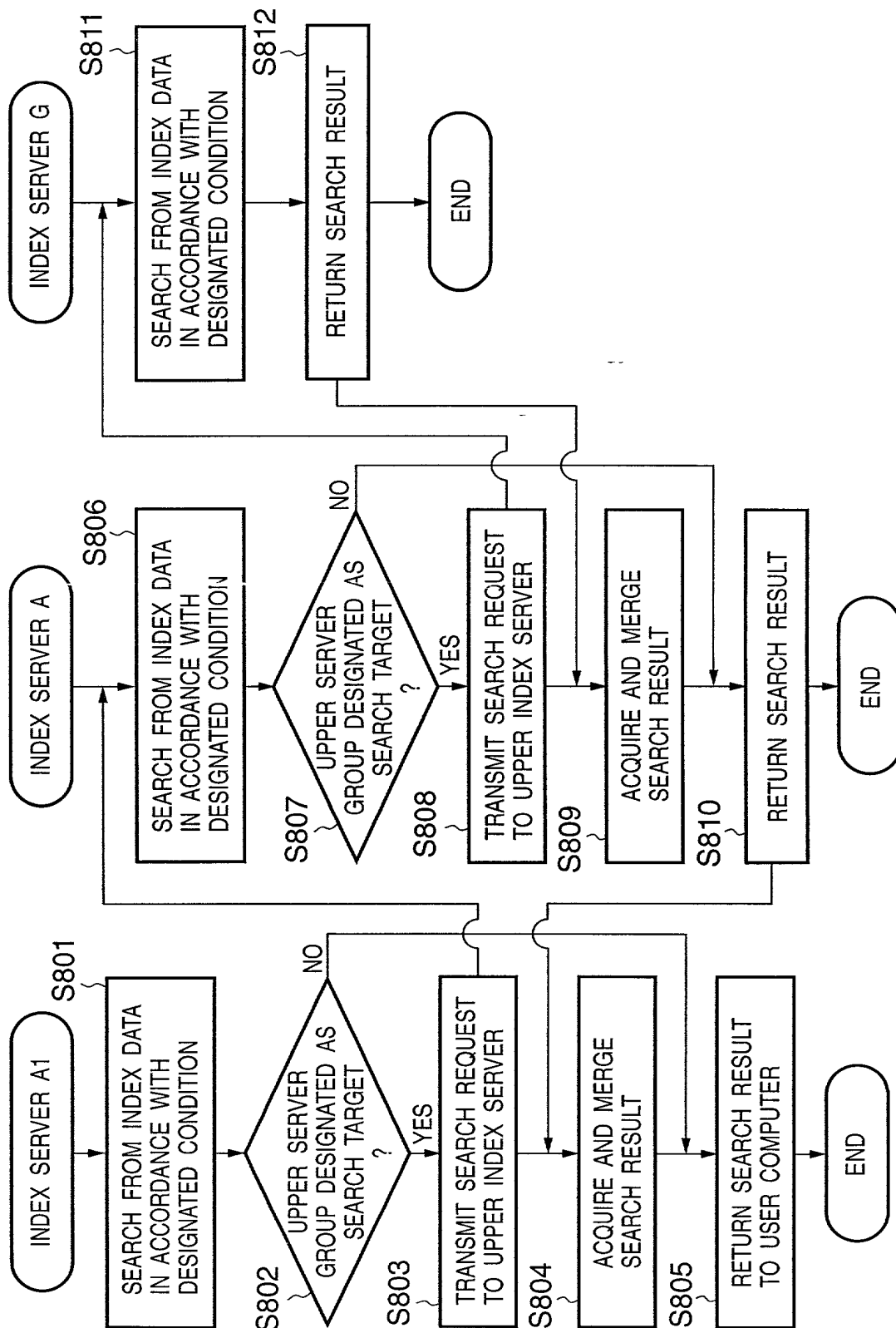


FIG. 9

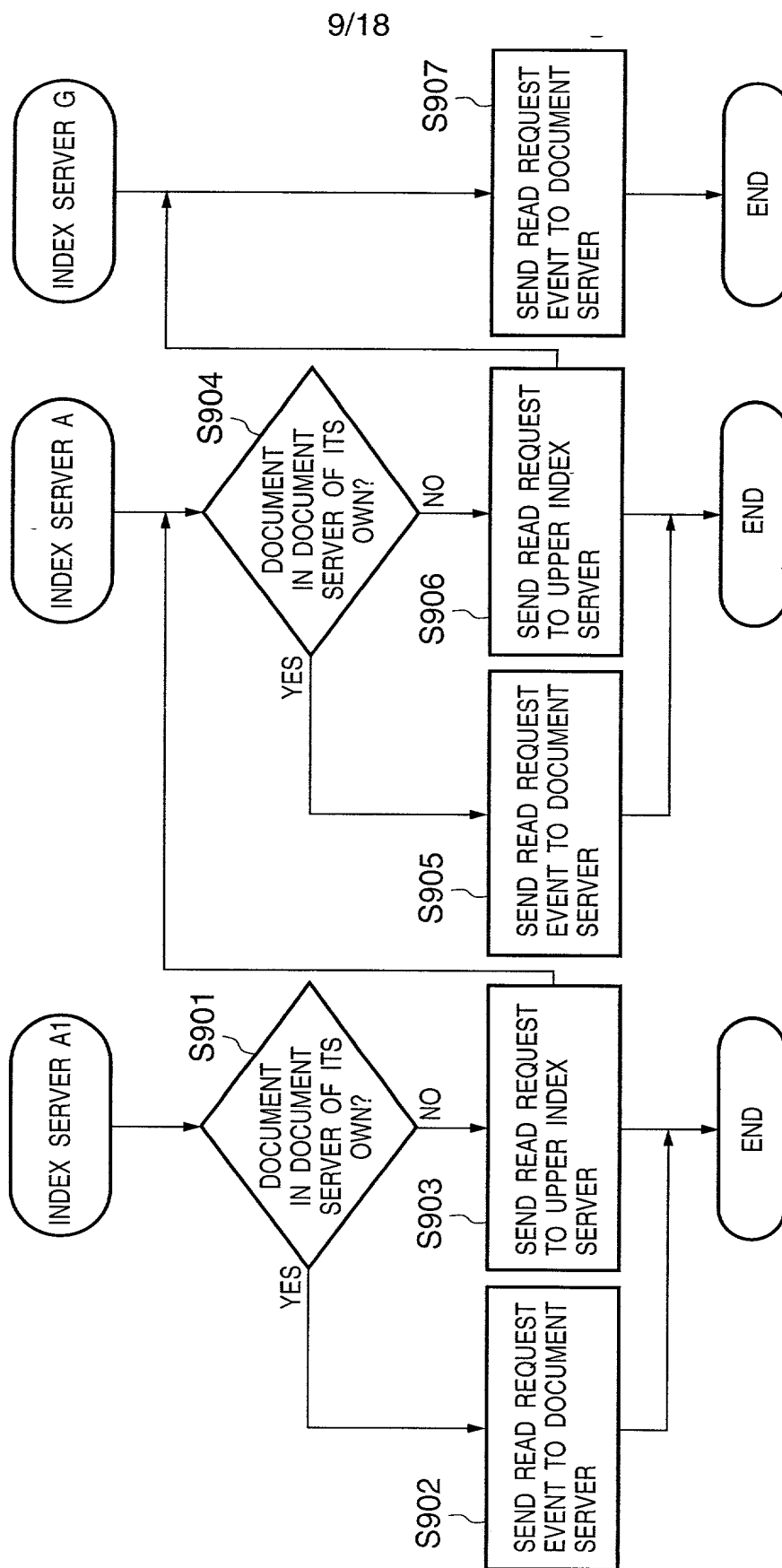
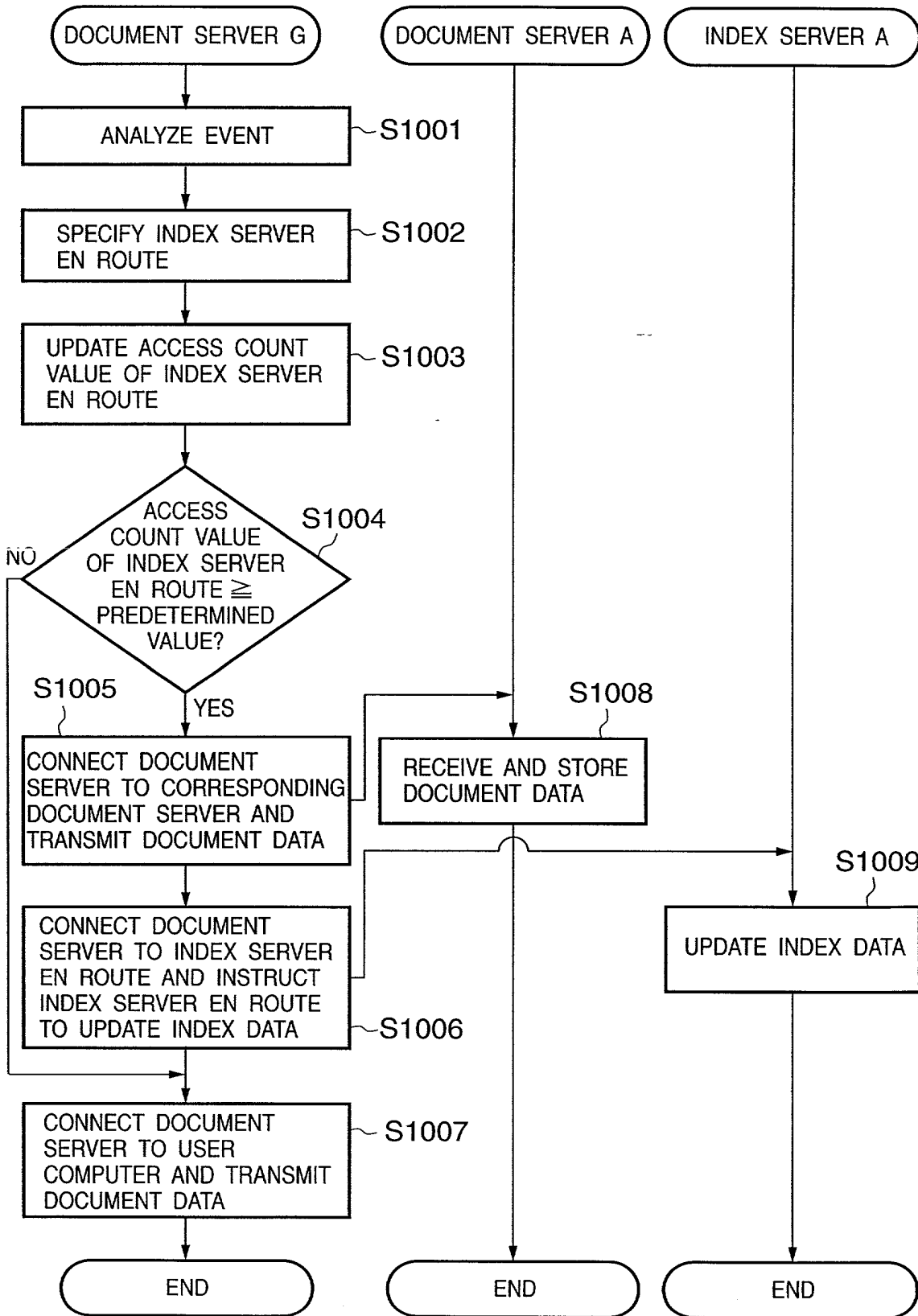


FIG. 10



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FIG. 11

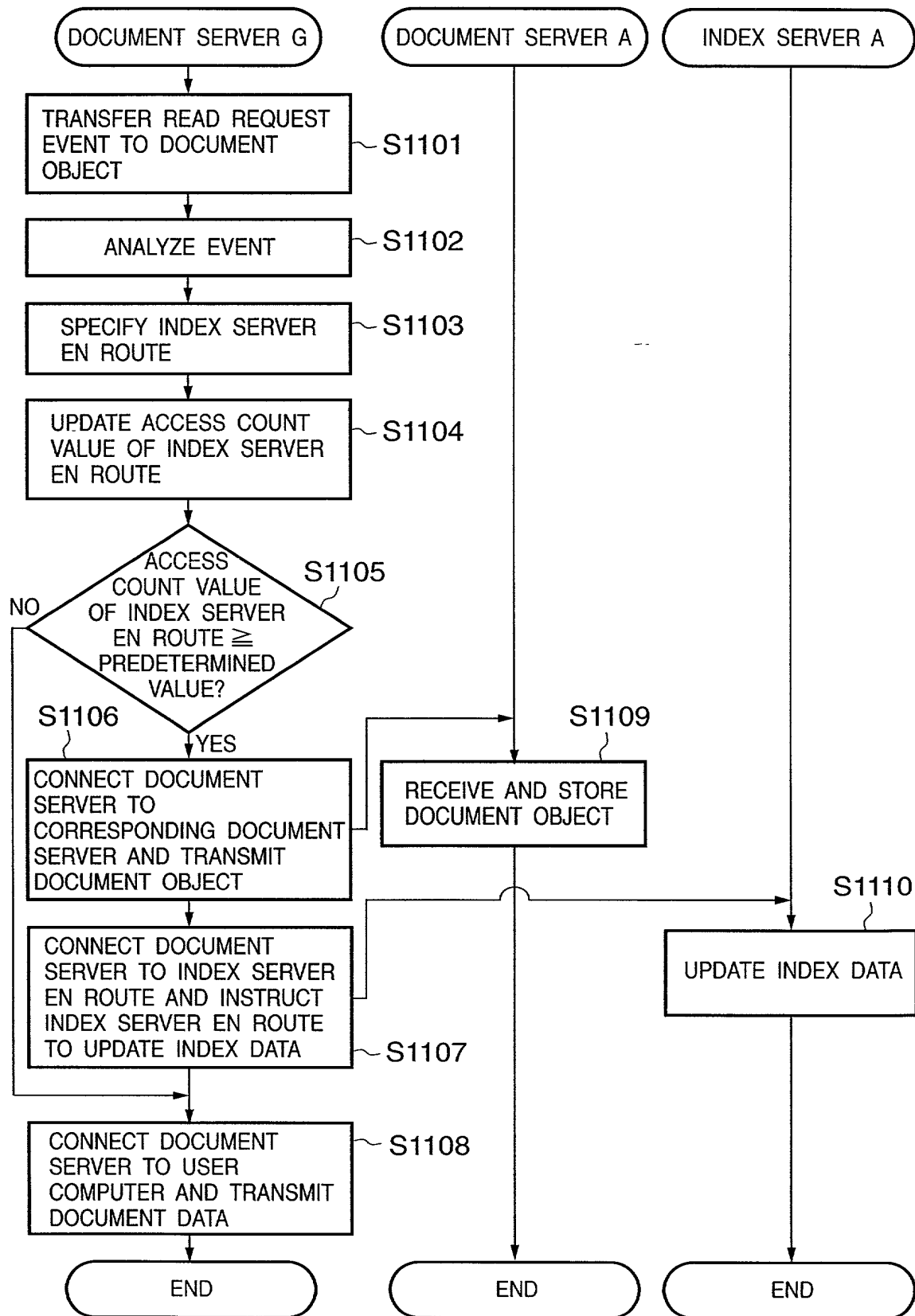


FIG. 12A

DOCUMENT :	DOCUMENT X
STORAGE POSITION :	SERVER G
ACCESS CODE :	abed
INDEX SERVER EN ROUTE :	
REQUEST SOURCE :	USER Y

FIG. 12B

DOCUMENT :	DOCUMENT X
STORAGE POSITION :	SERVER G
ACCESS CODE :	abed
INDEX SERVER EN ROUTE :	A1
REQUEST SOURCE :	USER Y

FIG. 12C

DOCUMENT :	DOCUMENT X
STORAGE POSITION :	SERVER G
ACCESS CODE :	abed
INDEX SERVER EN ROUTE :	A1-A
REQUEST SOURCE :	USER Y

FIG. 13

ACCESS INFORMATION

DOCUMENT	INDEX SERVER EN ROUTE				
	SERVER A	SERVER B	SERVER C	SERVER A1	SERVER A2
DOCUMENT 1	5	4	0	4	1
DOCUMENT 2	3	3	2	1	2
DOCUMENT 3	7	0	8	2	5
DOCUMENT 4	2	0	1	0	2
...

FIG. 14

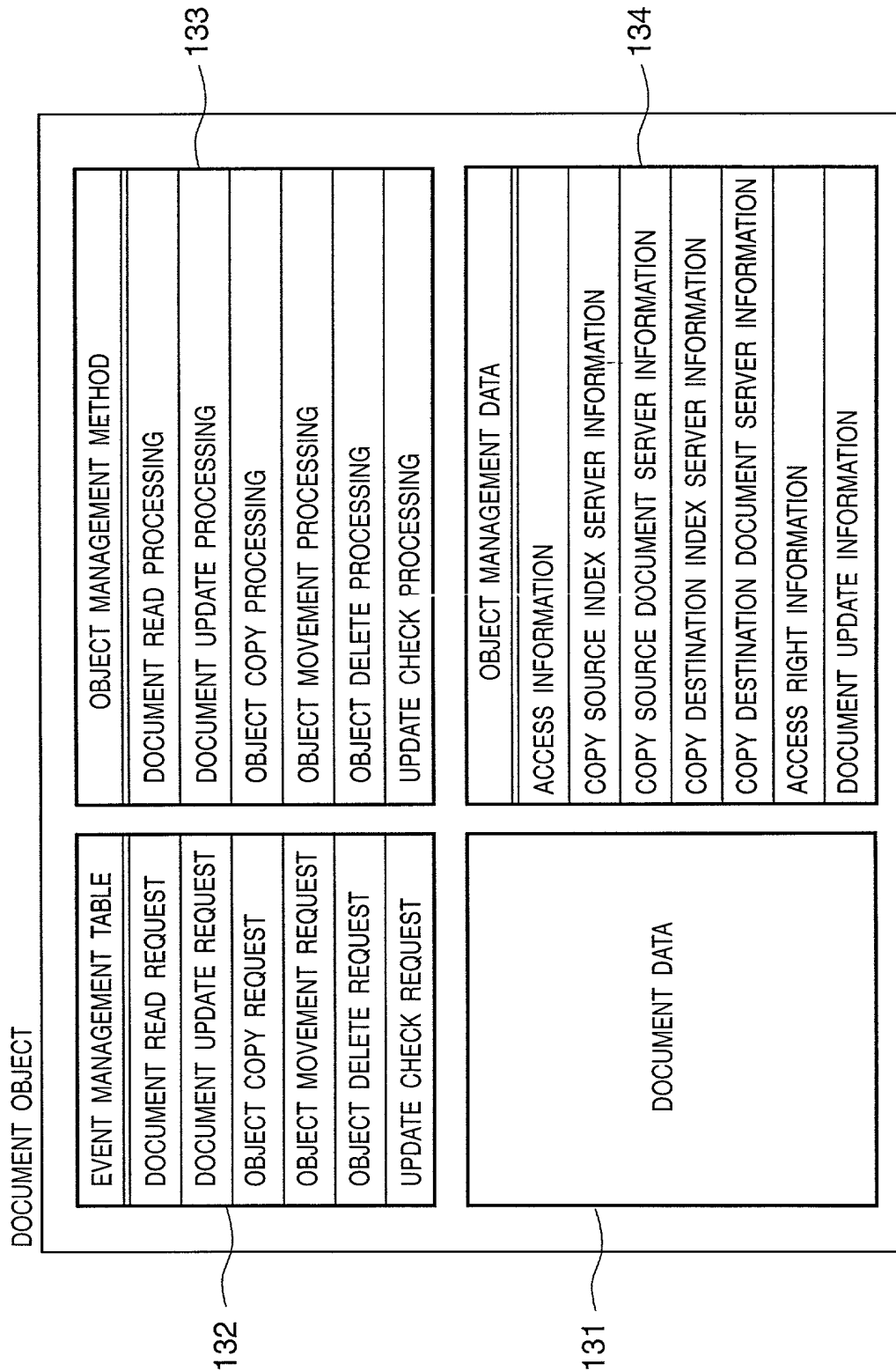


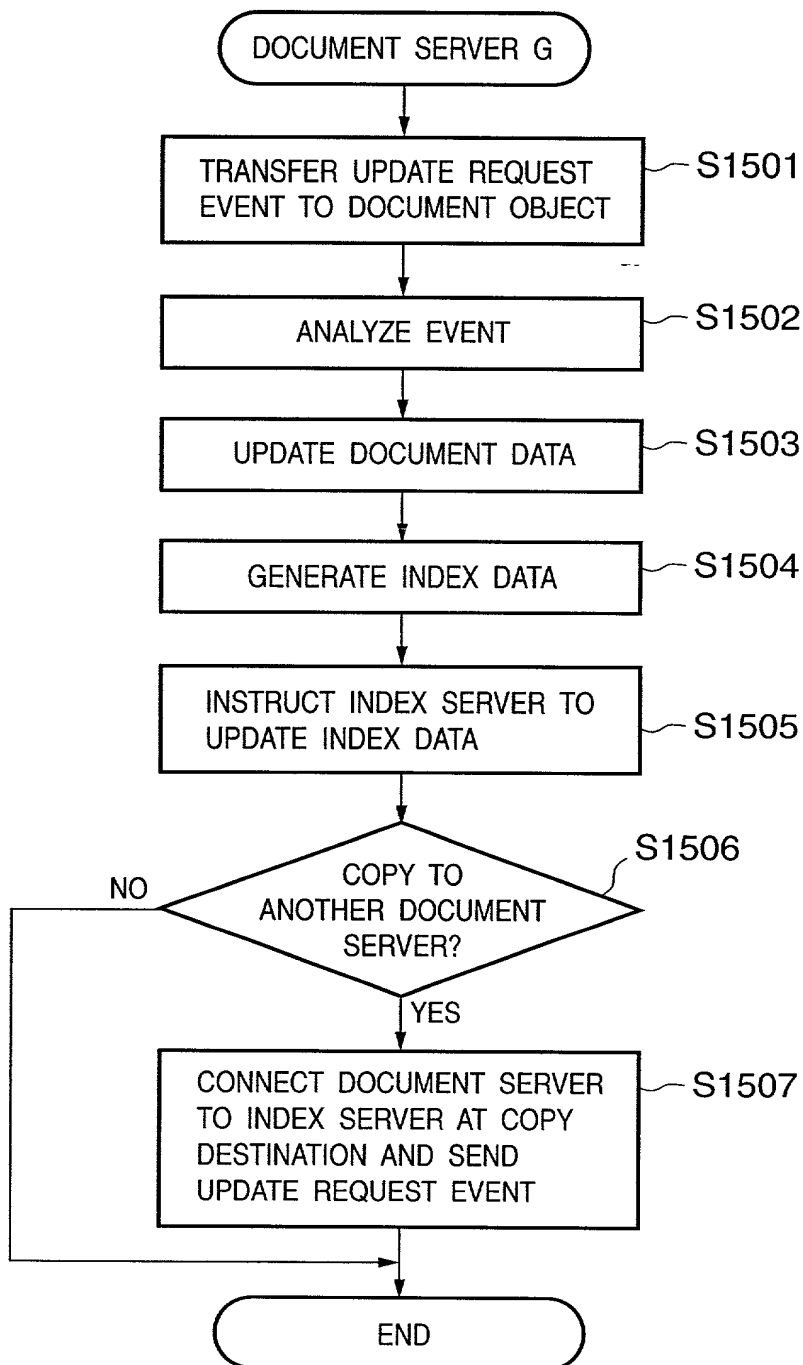
FIG. 15

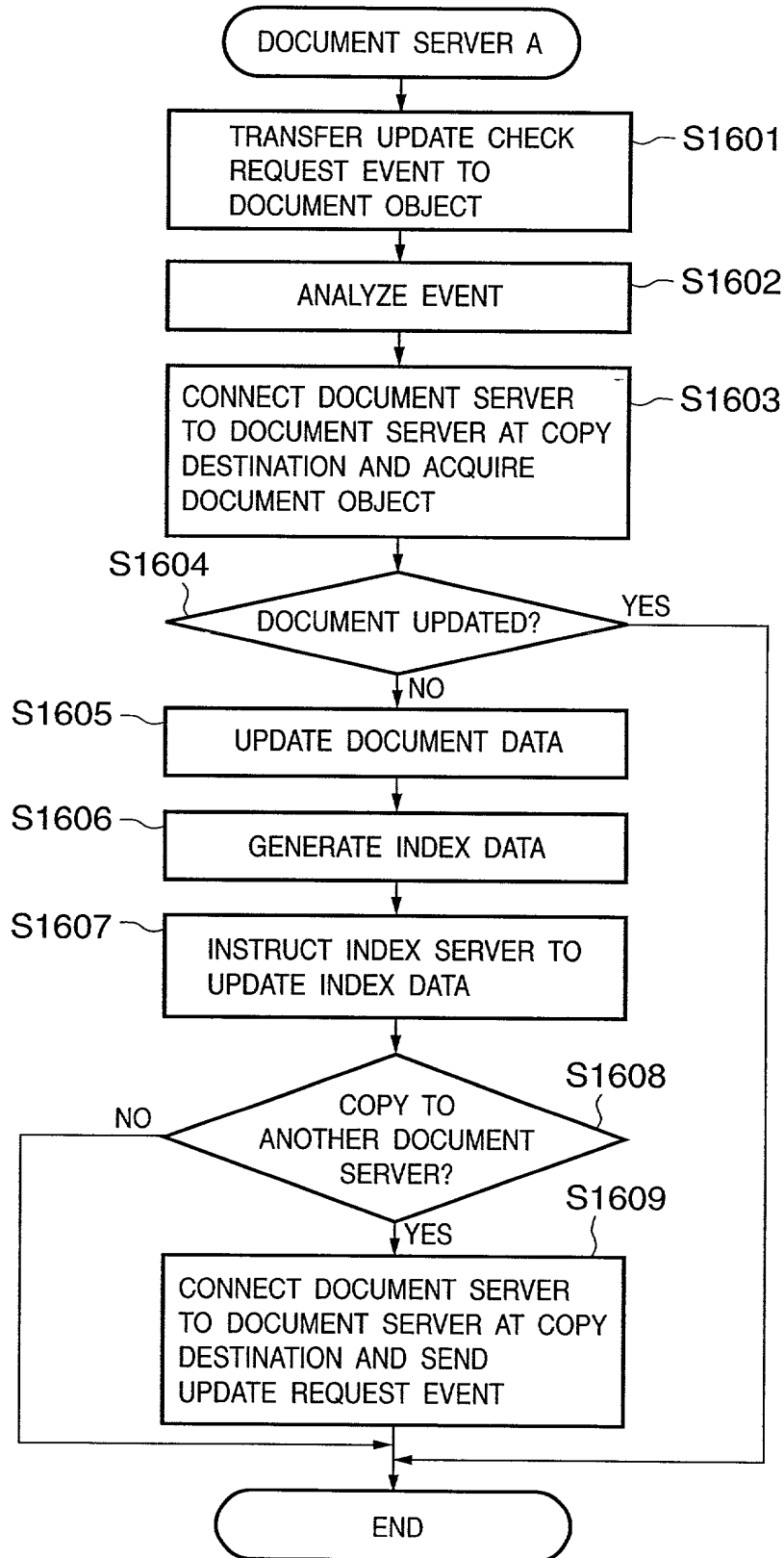
FIG. 16

FIG. 17

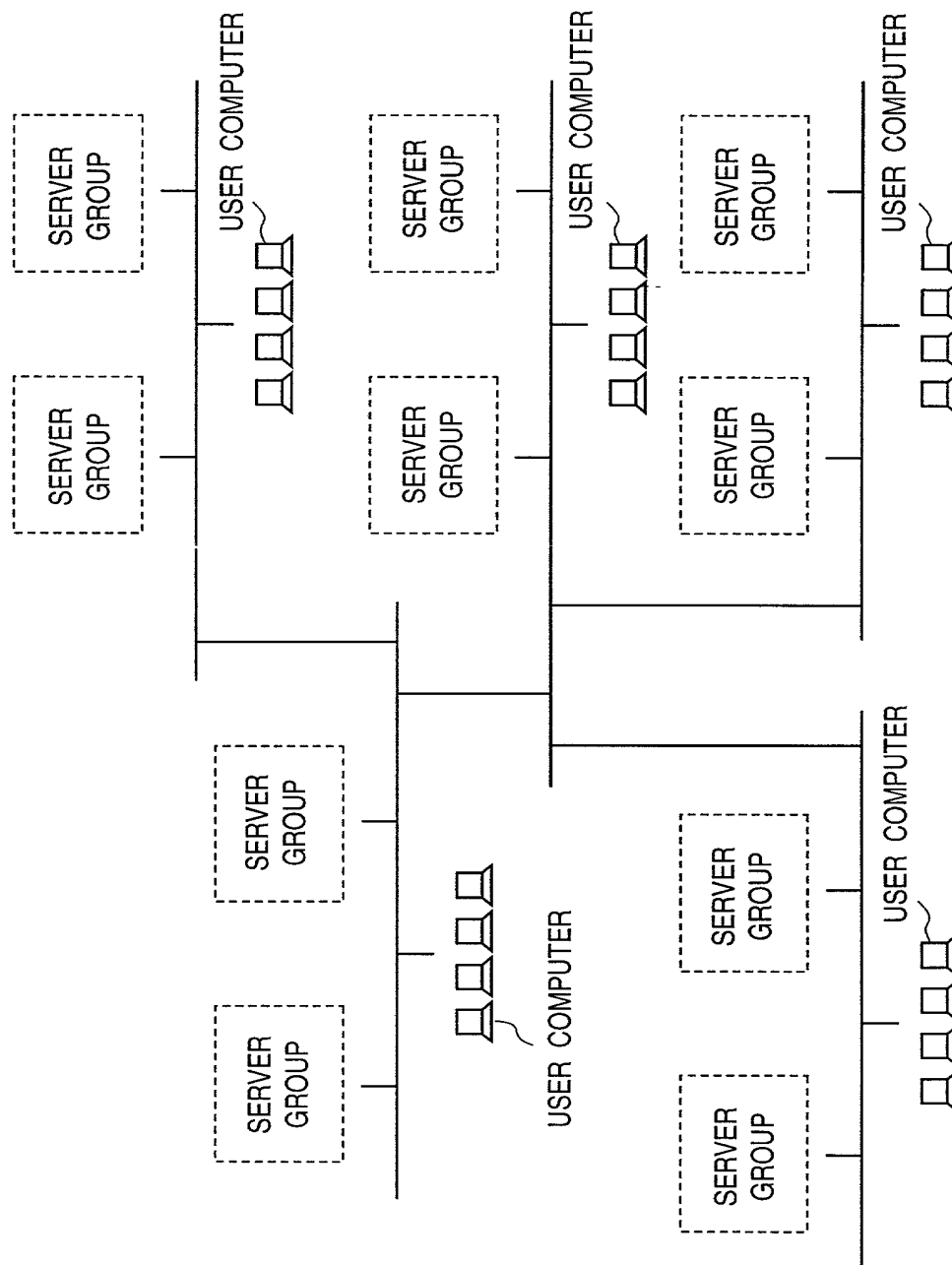


FIG. 18

ROUTE INDEX INFORMATION

REQUEST SOURCE	INDEX SERVER EN ROUTE
USER COMPUTER OF GROUP A1	SERVER A1 - SERVER A
USER COMPUTER OF GROUP A2	SERVER A2 - SERVER A
USER COMPUTER OF GROUP B1	SERVER B1 - SERVER B
USER COMPUTER OF GROUP B2	SERVER B2 - SERVER B
USER COMPUTER OF GROUP C1	SERVER C1 - SERVER C
USER COMPUTER OF GROUP C2	SERVER C2 - SERVER C